CLAIMS

- 1. A patterned flame resistant fabric, comprising:
 a plurality of non-producer colored high tenacity, flame resistant fibers;
 a plurality of cellulosic fibers containing a flame retardant compound; and
 at least one color that is printed on the fabric to form said pattern.
- 2. The fabric of claim 1, wherein said high tenacity, flame resistant fibers are para-aramid fibers.
- 3. The fabric of claim 1, wherein said cellulosic fibers are selected from rayon, acetate, triacetate, and lyocell.
 - 4. The fabric of claim 1, wherein said cellulosic fibers are rayon fibers.
- 5. The fabric of claim 1, wherein said fabric has a percentage composition of high tenacity, flame resistant fibers of at least 10%.
- 6. The fabric of claim 1, wherein said fabric has a percentage composition of high tenacity, flame resistant fibers from approximately 10% to 60%.
- 7. The fabric of claim 1, wherein said fabric has a percentage composition of high tenacity, flame resistant fibers of approximately 40%.

8. The fabric of claim 1, wherein said fabric contains a residual amount of dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N,N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, an approximately 50/50 blend of N,N-dimethylcaprylamide and N,N-dimethylcapramide, and mixtures thereof.

- 9. The fabric of claim 1, wherein said fabric contains a residual amount of dye-assistant selected from the group consisting of aryl ether, benzyl alcohol, N,N-dibutyl formamide, N-octylpyrrolidone, and mixtures thereof.
- 10. A method for forming a pattern on a flame resistant fabric containing high tenacity, flame resistant fibers and cellulosic fibers that contain a flame retardant compound, comprising:

contacting the flame resistant fabric with a dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N,N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, an approximately 50/50 blend of N,N-dimethylcaprylamide and N,N-dimethylcapramide, and mixtures thereof; and

printing at least one color on said fabric;

wherein the flame resistant fabric is not exposed to a temperature exceeding 100°C .

- 11. The method of claim 10, wherein the high tenacity, flame resistant fibers are para-aramid fibers.
- 12. The method of claim 10, wherein the cellulosic fibers are selected from rayon, acetate, triacetate, and lyocell.
 - 13. The method of claim 10, wherein the cellulosic fibers are rayon fibers.
- 14. The method of claim 10, wherein the fabric has a percentage composition of high tenacity, flame resistant fibers of at least 10%.
- 15. The method of claim 10, wherein the fabric has a percentage composition of high tenacity, flame resistant fibers from approximately 10% to 60%.
- 16. The method of claim 10, wherein the fabric has a percentage composition of high tenacity, flame resistant fibers of approximately 40%.
- 17. The method of claim 10, wherein the fabric is contacted with a dyeassistant selected from the group consisting of aryl ether, benzyl alcohol, N,N-dibutyl formamide, N-octylpyrrolidone, and mixtures thereof.

- 18. The method of claim 10, wherein the fabric is not exposed to a temperature exceeding 85°C.
- 19. The method of claim 10, wherein three different colors are printed onto the fabric.
- 20. The method of claim 10, wherein four different colors are printed onto the fabric.
- 21. The method of claim 10, wherein the fabric is printed on using a rotary screen printing apparatus.
- 22. The method of claim 10, further comprising dyeing the fabric a base shade prior to printing.

The method of claim 22, wherein dyeing is conducted at temperatures not exceeding 100°C.

The method of claim 22, wherein deing is conducted at temperatures not exceeding 85°C.

24. The method of claim 22, wherein the fabric is dyed using a jet dyer.

The method of claim 10, wherein the pattern comprises a camouflage

pattern.

16